

## Refine Search

### Search Results -

Terms	Documents
L8 and mo and w and bi and fe and (co or ni) and (p or te or ar or b or sn or ce or ni or pb or cr)	6

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L10

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Monday, April 12, 2004   [Printable Copy](#)   [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L10</u>	L8 and mo and w and bi and fe and (co or ni) and (p or te or ar or b or sn or ce or ni or pb or cr)	6	<u>L10</u>
<u>L9</u>	L8 and mo and w and bi and fe	6	<u>L9</u>
<u>L8</u>	L5 and volume	21	<u>L8</u>
<u>L7</u>	L5 and occup\$5 volume	0	<u>L7</u>
<u>L6</u>	L5 and occupy\$5 volume	0	<u>L6</u>
<u>L5</u>	L4 and metal oxide	28	<u>L5</u>
<u>L4</u>	L3 and calcine	65	<u>L4</u>
<u>L3</u>	L2 and catalyst	4722	<u>L3</u>
<u>L2</u>	acrylic acid and acrolein	6697	<u>L2</u>
<u>L1</u>	acrylicacid and acrolein	21	<u>L1</u>

## Hit List

Clear

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Fwd Refs

Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20030187297 A1

Using default format because multiple data bases are involved.

L10: Entry 1 of 6

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030187297

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030187297 A1

TITLE: Methods for producing unsaturated carboxylic acids and unsaturated nitriles

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bogan, Leonard Edward JR.	Hatfield	PA	US	
Han, Scott	Lawrenceville	NJ	US	
Jacobs, Bradley Anson	Chalfont	PA	US	
Kaiser, Frederick William	Fort Washington	PA	US	
Klugherz, Peter David	Huntingdon Valley	PA	US	
Lin, Manhua	Levittown	PA	US	
Link, Richard David III	Levittown	PA	US	
Linsen, Michael William	North Wales	PA	US	

US-CL-CURRENT: 562/546; 562/547

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWMC	Draw D
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☐ 2. Document ID: US 20030181761 A1

L10: Entry 2 of 6

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030181761

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030181761 A1

TITLE: Method for producing multiple-phase multi-metal oxide materials

PUBLICATION-DATE: September 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Unverricht, Signe	Mannheim		DE	
Felder, Raimund	Neustadt		DE	
Arnold, Heiko	Mannheim		DE	
Petzoldt, Jochen	Mannheim		DE	

US-CL-CURRENT: 562/535; 502/306, 502/311

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 20030059953 A1

L10: Entry 3 of 6

File: PGPB

Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030059953  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030059953 A1

TITLE: Preparing libraries of chemical compositions

PUBLICATION-DATE: March 27, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bogan, Leonard Edward JR.	Hatfield	PA	US	
Linsen, Michael William	North Wales	PA	US	

US-CL-CURRENT: 436/518; 436/73

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 20020123647 A1

L10: Entry 4 of 6

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020123647  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020123647 A1

TITLE: Recycle process

PUBLICATION-DATE: September 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bogan, Leonard Edward JR.	Hatfield	PA	US	
Bors, Daniel A.	Maple Glen	PA	US	
Cavalcanti, Fernando Antonio Pessoa	Lafayette Hill	PA	US	
Han, Scott	Lawrenceville	NJ	US	

Jacobs, Bradley Anson	Chalfont	PA	US
Kaiser, Frederick William	Fort Washington	PA	US
Klugherz, Peter David	Huntingdon Valley	PA	US
Lin, Manhua	Maple Glen	PA	US
Zolotorofe, Donald Lee	Ivyland	PA	US

US-CL-CURRENT: 562/545

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 6710207 B2

L10: Entry 5 of 6

File: USPT

Mar 23, 2004

US-PAT-NO: 6710207

DOCUMENT-IDENTIFIER: US 6710207 B2

TITLE: Methods for producing unsaturated carboxylic acids and unsaturated nitriles

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 4174459 A

L10: Entry 6 of 6

File: USPT

Nov 13, 1979

US-PAT-NO: 4174459

DOCUMENT-IDENTIFIER: US 4174459 A

TITLE: Process for producing methacrylic acid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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Terms

L8 and mo and w and bi and fe and (co or ni) and (p or te or ar or b or  
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Documents

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